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Sheet 3

```
Q1) # include <stdio.h>
    # include < string.h>
     Void concat (char SICI, char 52[]) &
           int L = Strlen(SI);
             For (int i=0; i = strlen (52); i++)
                   SICL+1]= S2C1];
     int
          main() f.
             char SIC100], 52[100];
             gets(51); gets(52);
             concat (SI, SZ);
             Print F("51:7,5 \n 52:7,5",51,52):
 Q2) # include (stdio.h)
      # include < string, h>
       int main() &
            char S[100];
            90ts(5);
            For (int i=0; i < strlen(s); itt) &
                  if (Sci] == "z") &
                      PrintF("the Position: ", J", i+1):
                     return;
            33
PrintF(" Not Found");
```

9

```
Q3) # include < stdio. h >
        # include < string.h>
          int strent (char s1[], chare) &
                 int count =0;
                 For Cint i=0; i < Strlen(51); i++) €
                       if (SICI) ==c)
                               COUNT ++;
                 return count;
          int main() &
               char 51[100]. Char c;
               gets(S1); c= getchar();
int count = strent(S1, c);
               Printf("/- I times", count);
94) # include < Stdio.h>
     # include < string.h>
      int strin (chars10), char s20) &
            int Flag=0;
            For Cinti=0; i < strlencs2) - strlencs1) +1; i++)
                   if CS1[0] == S2[i])
                         For cint j=0; S1CJJ == 52CitJJ 88 51CJJ
                            IF( J== Strlen(S1)-1)
                                 Flag =1:
            return Flag; 3
         I int main() of
            char S1(100], S2(100];

9ets(S1); 9ets(S2);

Printf("/,d", strin(S1,S2)); @
```

```
Q5) #include < Stdio.h>
     # include < string.h>
      Void Strr (ghar SIC], inti, int n) &
           if(i==n) return;
           char tmp = SICIJ;
           Strr(51, i+1, n);
          51[n-1-1] = tmp;
     int maine) {
            char SIC 100]; gets (51);
             strr(S1, 0, Strlen(S1));
            Printf("1,5",51);
        3
96) #include < stilo.h>
     #include < string.h>
      int replace (char s1()) {
            int count = 0;
            For (int i=0; i < strlen(51); i++)
                  if cs1[i] == ' ') {
                    S1C17 = '-';
                    Count++;
           return count
         int main () {
             char S1[100]; gets (51);
             Printf(" your string: 1/5 In the number of spaces 2)
                     , 51, replace (51));
```

```
97) a) 021
      6) -1,0,6,7,8,9
Qg)
     The outfut is: # The size of a-struct: 16-69te
 Q8) #include Cstdio.h>
        typedef Struct &
             int day, month, year;
        & Birth Date;
        typedef structs
              int id-no, salary;
              Birth Date birth-Jate;
              Int tasks-125 [5];
         3 EmPloyee;
       lla
       Employee New Employee() {
               Employee man;
               scanf ("1,21,21,21,21,2", 8 man-12-no, 8 man-5alary,
                       8 man birth-date, day, 8 man birth-date-month,
                       8 man. birth-Jate. year);
               For Cint i=0 ; i<5; i++)
                     scanf("/J", 8man. tasks_ids[i]);
              return man; 7
        116
            Find Salary (Employee employees CJ, int n, int id-no) {
       int
              Forcint i=0; icn; it+)
                     if Cit-no == employees CiJ. it-no)
                            return employees[i]. salary;
              return -1;
```